FAQ (Frequently Asked Questions)

ON-SITE MINING

Question: What is the official ruling regarding robot designs that have the robot extend from the mining area back to the bin and deliver dirt to the bin without actually driving individual loads of dirt from the mining area to the bin?
Answer: Not permitted IAW Rule 28) No ordnance, projectile, far-reaching mechanism (adhering to Rule 24), etc. may be used. The mining robot must move on the BP-1 surface.

Question: Does 10 kg of ice count as a qualifying run?
Answer: Yes.

Question: If we completely fill the top grate with ice, will it be cleared to allow us to continue to fill it?
Answer: Yes.

COMMUNICATIONS

RUBRICS

OTHER

Question: Is it possible to have two teams from the same university participate in RMC?
Question: If two teams from the same university are allowed, can these teams share team members and/or robot components? For example, can the team A robot from Alabama use the same sensor as the team B robot from Alabama (sharing hardware between the robots will save lots of money)? Similarly, can there be a team member on both Alabama teams (sharing team members would reduce team size and travel costs)? Sharing hardware and/or team members would only cause problems if both teams from the same university were scheduled to run at the same time/present at the same time, etc.

Answer: See ELIGIBILITY AND REGISTRATION
Teams that are from colleges / universities located in the United States, its Commonwealths and territories and / or possessions are eligible to register for the competition (no more than one team per university campus is allowed). Registration opens Monday, August 15, 2016 at 12:00 noon eastern time at https://www.spacegrant.org/forms/?form=nasarmc

A team shall stand alone and consist of:

- Undergraduate and graduate students (minimum of two undergraduate students) enrolled during the current or previous school semester
- A current faculty member / advisor with the college or university.
- The number of team members is at the discretion of the school but should have a sufficient number of members to successfully design, build and operate their mining robot.
- Participants can be members of only one team
- Each team must have its own robot